

B1
contd

6. The composition according to claim 1, wherein said olive oil contains omega fatty acids and alpha-tocopherol.

SUB D1

7. The composition according to claim 1, said composition being for oral use, comprising 300 mg each of non-bovine chondroitin sulfate C, quercetin and D-glucosamine sulfate, with kernel seed olive oil containing omega fatty acids and alpha tocopherol.

SUB D2

8. The composition according to claim 7 or 24, further supplemented with 100 mg of S-adenosylmethionine.

SUB D2

9. The composition according to claim 1, said composition consisting of an ointment or cream for topical application, comprising, in mg %, chondroitin sulfate, 5, and one or more of D-glucosamine sulfate, 5, quercetin, 3, and, kernel olive oil, 15.

10. The composition according to claim 9, supplemented by diphenhydramine, 5mg%.

SUB D3

11. The composition according to claim 1, said composition consisting of a mouth wash composition, comprising chondroitin sulfate, 0.4M, and one or more of D-glucosamine sulfate, 0.4M, quercetin, 0.3M, and S-adenosylmethionine, 0.15M, in a mouth wash vehicle.

12. The composition according to claim 1, said composition consisting of a tooth paste, comprising, in mg%, chondroitin sulfate, 5, and one or more of D-glucosamine sulfate, 5, and quercetin, 3, in a tooth paste vehicle.

13. The composition according to claim 1, said composition consisting of a sunscreen, comprising, in mg%, chondroitin sulfate, 5, and one or more of D-glucosamine sulfate, 5, quercetin, 3, and titanium dioxide, 5, in a sun screen vehicle.

Please cancel claims 14-21, inclusive.

B2

22. The method of treating a subject suffering from an inflammatory disease resulting from activation and degranulation of mast cells and secretion of inflammatory molecules from said cells, said inflammatory diseases selected from the group consisting of osteoarthritis, cancer, fibromyalgia, inflammatory bowel disease, interstitial cystitis, irritable bowel syndrome, migraines, angina, chronic prostatitis, eczema, arthritis, multiple sclerosis, psoriasis, sun burn, and periodontal disease, comprising the step of administering to said subject an effective amount of a composition according to claim 1.

B3

23. The composition according to claim 1, wherein said histamine-I-receptor antagonist is diphenhydramine.

SUB D4

24. The composition according to claim 1, wherein said inflammatory condition is arthritis and said composition is designed for oral administration, comprising chondroitin sulfate, quercetin, D-glucosamine sulfate, in kernel olive oil.

- ~~25. The composition according to claim 9, comprising, in mg%, chondroitin sulfate, 5, D-glucosamine sulfate, 5, quercetin, 3, in kernel olive oil.~~
 - ~~26. The composition according to claim 1 for oral use in allergic conditions, comprising chondroitin sulfate and a flavonoid selected from the group consisting of quercetin, myricetin and kaempferol, in kernel olive oil.~~
 - ~~27. The composition according to claim 26, comprising chondroitin sulfate and kaempferol in kernel olive oil.~~
 - ~~28. The composition according to claim 26, comprising chondroitin sulfate and myricetin in kernel olive oil.~~
 - ~~29. The composition according to claim 28, supplemented with a histamine-l-receptor antagonist.~~
 - ~~30. The composition according to claim 29, wherein said antagonist is diphenhydramine.~~
 - ~~31. The composition according to claim 1, wherein said inflammatory condition is cancer, comprising genestein (25-50 mg) and quercetin (150-300mg), in kernel olive oil, in a vehicle for oral use.~~
 - ~~32. The composition according to claim 1, wherein said inflammatory disease is atherosclerosis with or without myocardial ischemia, comprising 100-300 mg each of chondroitin sulfate, myricetin, and S-adenosylmethionine, in kernel olive oil, in a vehicle for oral use..~~
 - ~~33. The composition according to claim 1, wherein said inflammatory disease is interstitial cystitis, said composition comprising 100-300 mg of chondroitin sulfate, 100-300 mg of hyaluronic acid, and 200-400 mg quercetin, in kernel olive oil, in a vehicle for oral use.~~
 - ~~34. The composition according to claim 1, wherein said inflammatory disease is prostatitis, said composition comprising 100-200 mg chondroitin sulfate, 100-200 mg hyaluronic acid and 200-400 mg quercetin, in kernel olive oil, in a vehicle for oral use.~~
 - ~~35. The composition according to claim 1, wherein said inflammatory disease is multiple sclerosis, said composition comprising 100-300 mg each of chondroitin sulfate, myricetin and S-adenosylmethionine, in a vehicle for oral use.~~

REMARKS

Claims 1-22 are pending, but not yet examined. Due to a software error, there was no claim 14.